



Missouri Department of Health and Senior Services

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TO: Missouri Local Public Health Agencies, Missouri U.S. Influenza Sentinel Surveillance Physicians, and Stakeholders

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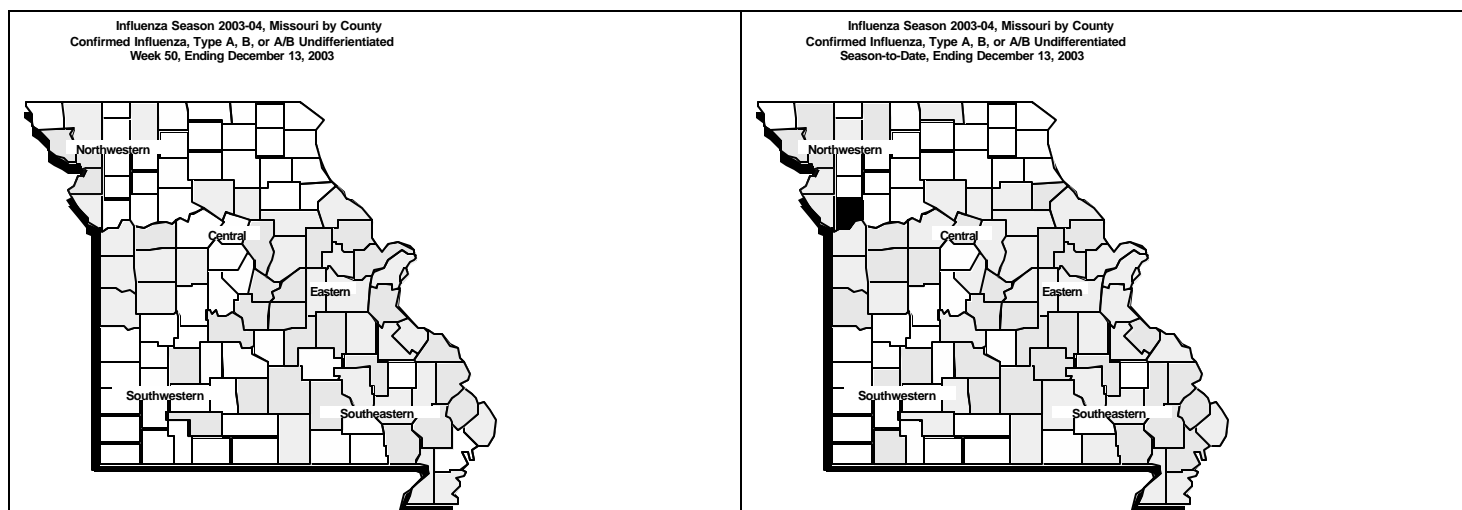
SUBJECT: Weekly Missouri Influenza Report, 2003-2004 Season
(All data in this report are provisional and may change as reports are updated.)

DATE: December 16, 2003

Missouri is reporting “widespread influenza activity” to the CDC for Week 50. (Influenza activity codes are reported to CDC each Friday.)

Reported Laboratory-Confirmed Cases by Sub-type For the Week Ending December 13, 2003 (Week 50)						
Serogroups	A (non-typed)	A (H3N2)	A (H1N1)	B	A or B Untyped (rapid test)	Total
Week 50	511	16	0	10	781	1,318
Season-to-Date*	1544	32	0	56	2,519	4,151

*The influenza season begins with week 40 (week ending October 4, 2003) and ends with week 20 (week ending May 15, 2004).



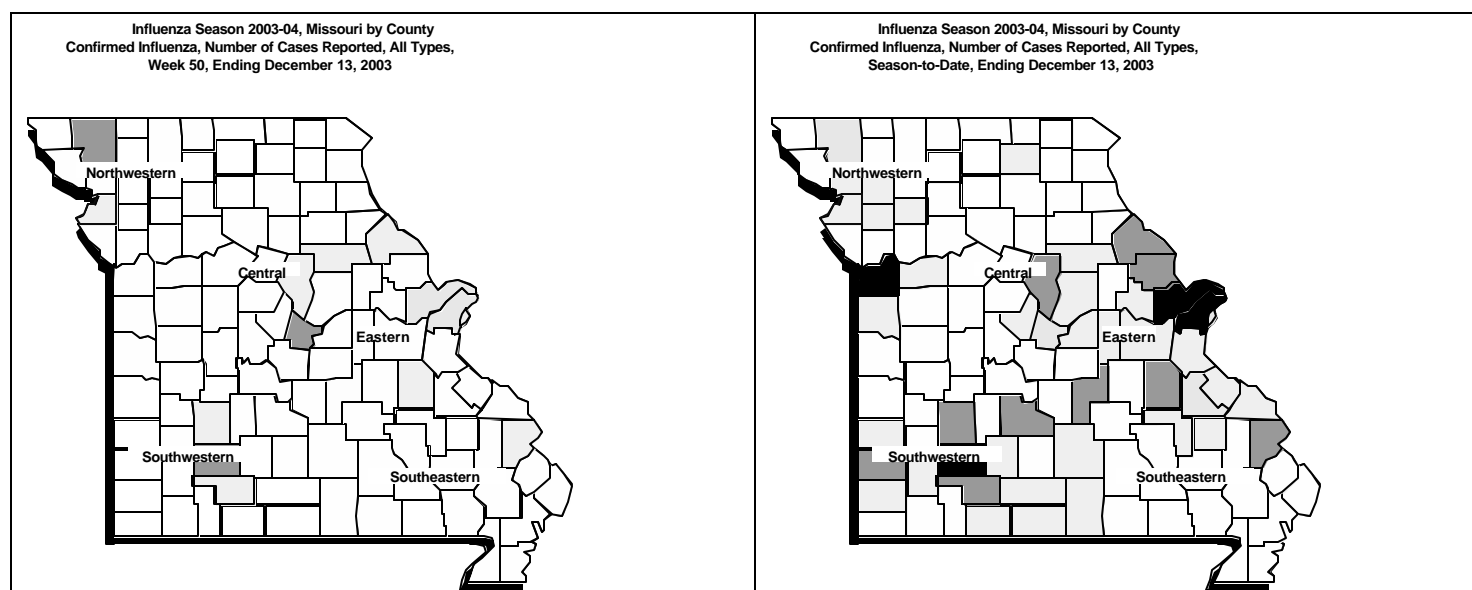
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www.dhss.state.mo.us

The Missouri Department of Health and Senior Services protects and promotes quality of life and health for all Missourians by developing and implementing programs and systems that provide: information and education, effective regulation and oversight, quality services, and surveillance of diseases and conditions.

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER: Services provided on a nondiscriminatory basis.



	1 - 25		101 - 200
	26 - 50		201 - 300
	51 - 100		300 +

	1 - 25		101 - 200
	26 - 50		201 - 300
	51 - 100		300 +

Clusters/Outbreaks of Influenza-like Illness

For the Week Ending December 13, 2003 (Week 50)

Health District	Central	Eastern	NW	SE	SW	Season -to- Date 03-04	Season -to - Date 02-03	Last Year Season Total 02-03
School Closings	3	0	1	1	3	9	1	205
Community Outbreaks	0	0	0	0	0	0	0	4
Long Term Care or Institutional Outbreaks	1	0	1	0	0	5	2	3
Other Outbreaks	0	0	0	0	0	0	0	0
Season-to-Date	6	0	3	1	4	14	3	212

Pneumonia and Influenza (P&I) Deaths

For the Week Ending December 6, 2003 (Week 49)*

Week 49	Season-to-Date	Week 49 Last Season	10 Year Weekly Median
66	673	16	44*

* Prior to 1999, P&I data were collected from week 46 through week 17; therefore, the ten-year median will be noted only during those weeks.

*Beginning in week 35 of 2003, the numbers of P&I deaths may show increases based on a new system of retrieval that now includes all contributing causes of death from death certificates.

U.S. Influenza Sentinel Physicians Surveillance Network (US ISPSN)						
Influenza-like Illness (ILI) for the Week Ending December 6, 2003 (Week 49)						
Age 0-4	Age 5-24	Age 25-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
34	96	31	6	167	4,016	4.15%*

* This percentage is above the national baseline of 2.5%.

Respiratory Specimens Submitted to SPHL for Viral Testing							
For the Week Ending December 13, 2003 (Week 50)							
	Positive Specimens						Total Number Specimens Submitted
	Influenza	Para- influenza	Respiratory Syncytial Virus (RSV)	Adeno- virus	Rhino- virus	Entero- virus	
Week 50	29	0	0	0	0	0	42
Season-to-Date	51	2	0	2	0	2	161

CDC antigenically characterizes a sample of positive Missouri influenza isolates, submitted through the Missouri Department of Health and Senior Services (DHSS), State Public Health Laboratory (SPHL).

Sources of Data: Laboratory-confirmed cases are reported to DHSS through the passive communicable disease surveillance system. Suspected influenza clusters and outbreaks are reported through the active surveillance system. Pneumonia and influenza deaths are reported through the DHSS Bureau of Vital Records. Influenza-like illness data by age category and total number of patient visits by week are reported voluntarily by participants in the U.S. Influenza Sentinel Physicians Surveillance Network.

This report may also be found on the DHSS Internet at: www.dhss.state.mo.us/Influenza/index.html.
National influenza surveillance information is available from the Centers for Disease Control and Prevention at: www.cdc.gov/ncidod/diseases/flu/weekly.htm.

The Missouri Department of Health and Senior Services after hours number for reporting disease cases and emergencies is 1-800-392-0272.